

Title (en)
INCOMBUSTIBLE INSULATING MATERIAL

Publication
EP 0000056 B1 19800430 (DE)

Application
EP 78100098 A 19780606

Priority
DE 2726105 A 19770610

Abstract (en)
[origin: US4190547A] Non-flammable insulating materials having good fire resistance and a density of from 80 to 230 g/l, which materials comprise A. from 99 to 80% by weight of inorganic lightweight particles, preferably expanded perlite or vermiculite, B. from 0 to 20% by weight of fibrous or granular inorganic additives and C. from 1 to 20% by weight of a heat-resistant organic high molecular weight binder, preferably a phenol-formaldehyde condensate, and which contain, as an additional binder C' to prevent water absorption, from 0.2 to 4% by weight of an alkylphenol/phenyl/formaldehyde condensate. The materials may be used as heat insulating materials or building materials.

IPC 1-7
C04B 25/06; **C04B 21/08**

IPC 8 full level
C04B 26/12 (2006.01); **C08L 61/10** (2006.01)

CPC (source: EP US)
C04B 26/122 (2013.01 - EP US); **Y10S 428/921** (2013.01 - EP US); **Y10T 428/2933** (2015.01 - EP US); **Y10T 428/2998** (2015.01 - EP US); **Y10T 428/31667** (2015.04 - EP US); **Y10T 428/31942** (2015.04 - EP US)

C-Set (source: EP US)
1. **C04B 26/122 + C04B 14/204 + C04B 14/38 + C04B 24/302**
2. **C04B 26/122 + C04B 14/185 + C04B 14/38 + C04B 24/302**

Citation (examination)
US 3039894 A 19620619 - THOMAS RAPHAEL, et al

Cited by
DE3715487A1; CN108821673A; FR2627177A1; FR2543536A1; EP0087889A1; US4485203A; WO8907518A1

Designated contracting state (EPC)
BE CH DE FR GB NL

DOCDB simple family (publication)
EP 0000056 A1 19781220; **EP 0000056 B1 19800430**; AT 367384 B 19820625; AT A421078 A 19811115; DE 2726105 A1 19781221; DE 2857615 D1 19800612; IT 1104732 B 19851028; IT 7849771 A0 19780608; US 4190547 A 19800226

DOCDB simple family (application)
EP 78100098 A 19780606; AT 421078 A 19780609; DE 2726105 A 19770610; DE 2857615 T 19780606; IT 4977178 A 19780608; US 90919378 A 19780525